

**Table 5.12d**  
**Adjusted Patient Survival, Living Donor Kidney Transplants**  
**Survival at 3 Months, 1 Year, 5 Years, and 10 Years**

|                                 | 3 Months         |        |           | 1 Year           |        |           | 5 Years          |       |           | 10 Years         |       |           |
|---------------------------------|------------------|--------|-----------|------------------|--------|-----------|------------------|-------|-----------|------------------|-------|-----------|
|                                 | (Tx 2006 - 2007) |        |           | (Tx 2006 - 2007) |        |           | (Tx 2002 - 2007) |       |           | (Tx 1997 - 2007) |       |           |
|                                 | N                | %      | Std. Err. | N                | %      | Std. Err. | N                | %     | Std. Err. | N                | %     | Std. Err. |
| <b>Total</b>                    |                  |        |           |                  |        |           |                  |       |           |                  |       |           |
| All                             | 11,177           | 99.6%  | 0.1%      | 11,177           | 98.7%  | 0.1%      | 34,288           | 91.9% | 0.2%      | 56,493           | 77.3% | 0.3%      |
| <b>Age at Tx</b>                |                  |        |           |                  |        |           |                  |       |           |                  |       |           |
| <1 Year                         | 6                | 99.8%  | 52.4%     | 6                | 99.8%  | 52.4%     | 15               | 86.6% | 8.6%      | 35               | 94.2% | 3.9%      |
| 1-5 Years                       | 157              | 100.0% | 0.0%      | 157              | 100.0% | 3.4%      | 544              | 96.7% | 0.8%      | 960              | 95.2% | 0.8%      |
| 6-11 Years                      | 127              | +      | +         | 127              | +      | +         | 490              | 98.0% | 0.7%      | 957              | 94.8% | 1.1%      |
| 12-17 Years                     | 279              | 100.0% | 0.0%      | 279              | 100.0% | 1.9%      | 1,084            | 97.3% | 0.6%      | 2,001            | 91.4% | 1.0%      |
| 18-34 Years                     | 2,119            | 99.8%  | 0.1%      | 2,119            | 99.2%  | 0.2%      | 6,844            | 95.5% | 0.3%      | 12,416           | 87.8% | 0.5%      |
| 35-49 Years                     | 3,325            | 99.7%  | 0.1%      | 3,325            | 99.1%  | 0.2%      | 10,312           | 93.7% | 0.3%      | 17,601           | 81.7% | 0.5%      |
| 50-64 Years                     | 3,948            | 99.3%  | 0.1%      | 3,948            | 98.2%  | 0.2%      | 11,621           | 89.2% | 0.4%      | 17,890           | 67.8% | 0.7%      |
| 65+ Years                       | 1,216            | 99.2%  | 0.3%      | 1,216            | 96.9%  | 0.5%      | 3,378            | 79.2% | 1.0%      | 4,633            | 43.6% | 2.0%      |
| <b>Recipient Ethnicity/Race</b> |                  |        |           |                  |        |           |                  |       |           |                  |       |           |
| White                           | 7,457            | 99.5%  | 0.1%      | 7,457            | 98.6%  | 0.1%      | 22,812           | 91.5% | 0.3%      | 37,954           | 76.6% | 0.4%      |
| African American                | 1,632            | 99.7%  | 0.1%      | 1,632            | 98.7%  | 0.3%      | 5,238            | 90.6% | 0.5%      | 8,567            | 73.4% | 0.9%      |
| Hispanic/Latino                 | 1,495            | 99.6%  | 0.2%      | 1,495            | 99.1%  | 0.2%      | 4,473            | 94.5% | 0.5%      | 7,152            | 83.1% | 0.9%      |
| Asian                           | 460              | 99.8%  | 0.2%      | 460              | 99.4%  | 0.3%      | 1,376            | 95.2% | 0.8%      | 2,239            | 84.1% | 1.7%      |
| Other/Multi-race                | 133              | 100.0% | 0.0%      | 133              | 99.3%  | 0.6%      | 386              | 89.1% | 2.1%      | 578              | 80.4% | 2.9%      |
| Unknown                         | 0                | -      | -         | 0                | -      | -         | 3                | 57.8% | 22.0%     | 3                | 57.4% | 22.0%     |
| <b>Recipient Gender</b>         |                  |        |           |                  |        |           |                  |       |           |                  |       |           |
| Female                          | 4,268            | 99.6%  | 0.1%      | 4,268            | 98.9%  | 0.2%      | 13,632           | 92.1% | 0.3%      | 22,868           | 77.4% | 0.5%      |
| Male                            | 6,909            | 99.5%  | 0.1%      | 6,909            | 98.6%  | 0.1%      | 20,656           | 91.7% | 0.3%      | 33,625           | 77.2% | 0.4%      |

Source: OPTN/SRTR Data as of May 4, 2009.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Patient survival follows patients from first transplant of this type until death. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on kidney and kidney-pancreas transplants.

Multi-organ transplants are excluded.

Survival rates are adjusted to the characteristics of the 3 month and 1 year cohort. See Technical Notes for details.

**Table 5.12d (Continued)**  
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**Survival at 3 Months, 1 Year, 5 Years, and 10 Years**

|  | 3 Months         |        |           | 1 Year           |       |           | 5 Years          |       |           | 10 Years         |       |           |
|--|------------------|--------|-----------|------------------|-------|-----------|------------------|-------|-----------|------------------|-------|-----------|
|  | (Tx 2006 - 2007) |        |           | (Tx 2006 - 2007) |       |           | (Tx 2002 - 2007) |       |           | (Tx 1997 - 2007) |       |           |
|  | N                | %      | Std. Err. | N                | %     | Std. Err. | N                | %     | Std. Err. | N                | %     | Std. Err. |
| <b>Total</b>                                     |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| All  | 11,177           | 99.6%  | 0.1%      | 11,177           | 98.7% | 0.1%      | 34,288           | 91.9% | 0.2%      | 56,493           | 77.3% | 0.3%      |
| <b>Primary Diagnosis</b>                         |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| Glomerular Diseases                              | 3,151            | 99.7%  | 0.1%      | 3,151            | 99.1% | 0.2%      | 9,886            | 94.8% | 0.3%      | 16,936           | 84.7% | 0.5%      |
| Diabetes   | 2,436            | 99.5%  | 0.1%      | 2,436            | 98.5% | 0.2%      | 7,498            | 86.1% | 0.6%      | 12,196           | 61.6% | 0.9%      |
| Hypertensive                                     |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| Nephrosclerosis                                  | 1,918            | 99.4%  | 0.2%      | 1,918            | 98.3% | 0.3%      | 5,141            | 90.0% | 0.6%      | 7,691            | 72.9% | 1.0%      |
| Polycystic Kidneys                               | 1,253            | 99.7%  | 0.1%      | 1,253            | 99.5% | 0.2%      | 3,715            | 96.4% | 0.4%      | 5,649            | 87.1% | 0.9%      |
| Tubular and Interstitial Diseases                | 613              | 99.4%  | 0.3%      | 613              | 98.6% | 0.4%      | 2,126            | 90.1% | 0.9%      | 3,814            | 78.1% | 1.2%      |
| Renovascular & Other Vascular Diseases           | 235              | 99.3%  | 0.5%      | 235              | 98.2% | 0.8%      | 1,072            | 90.8% | 1.1%      | 1,989            | 70.7% | 1.9%      |
| Congenital, Rare Familial, & Metabolic Disorders | 377              | 99.6%  | 0.4%      | 377              | 98.0% | 0.9%      | 1,329            | 94.7% | 1.0%      | 2,258            | 83.3% | 1.9%      |
| Neoplasms  | 43               | +      | +         | 43               | +     | +         | 144              | 88.8% | 3.1%      | 240              | 71.0% | 6.4%      |
| Other  | 1,132            | 99.7%  | 0.2%      | 1,132            | 98.3% | 0.4%      | 3,324            | 91.7% | 0.7%      | 5,646            | 78.9% | 1.1%      |
| Unknown  | 19               | 100.0% | 0.0%      | 19               | 96.1% | 3.8%      | 53               | 79.7% | 8.0%      | 74               | 65.4% | 10.1%     |

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**Table 5.12d (Continued)**  
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**Survival at 3 Months, 1 Year, 5 Years, and 10 Years**

|                                | 3 Months         |        |           | 1 Year           |       |           | 5 Years          |       |           | 10 Years         |       |           |
|--------------------------------|------------------|--------|-----------|------------------|-------|-----------|------------------|-------|-----------|------------------|-------|-----------|
|                                | (Tx 2006 - 2007) |        |           | (Tx 2006 - 2007) |       |           | (Tx 2002 - 2007) |       |           | (Tx 1997 - 2007) |       |           |
|                                | N                | %      | Std. Err. | N                | %     | Std. Err. | N                | %     | Std. Err. | N                | %     | Std. Err. |
| <b>Total</b>                   |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| All                            | 11,177           | 99.6%  | 0.1%      | 11,177           | 98.7% | 0.1%      | 34,288           | 91.9% | 0.2%      | 56,493           | 77.3% | 0.3%      |
| <b>Transplant Center State</b> |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| Alabama                        | 280              | +      | +         | 280              | +     | +         | 896              | 90.7% | 1.4%      | 1,446            | 75.1% | 2.1%      |
| Arkansas                       | 48               | 100.0% | 0.0%      | 48               | 98.2% | 1.7%      | 192              | 91.1% | 2.5%      | 389              | 69.9% | 3.8%      |
| Arizona                        | 304              | 99.7%  | 0.3%      | 304              | 99.2% | 0.4%      | 811              | 92.2% | 1.2%      | 1,198            | 77.8% | 2.7%      |
| California                     | 1,202            | 99.8%  | 0.1%      | 1,202            | 99.0% | 0.3%      | 3,724            | 93.2% | 0.6%      | 6,256            | 79.6% | 1.0%      |
| Colorado                       | 198              | 99.6%  | 0.4%      | 198              | 98.7% | 0.7%      | 510              | 92.8% | 1.5%      | 841              | 76.4% | 3.0%      |
| Connecticut                    | 107              | 100.0% | 0.0%      | 107              | 99.2% | 0.8%      | 297              | 92.6% | 2.0%      | 623              | 78.9% | 2.7%      |
| District of Columbia           | 157              | +      | +         | 157              | +     | +         | 518              | 93.9% | 1.3%      | 954              | 73.8% | 2.8%      |
| Delaware                       | 9                | +      | +         | 9                | +     | +         | 18               | 90.0% | 8.2%      | 24               | 91.2% | 7.3%      |
| Florida                        | 381              | 99.3%  | 0.4%      | 381              | 98.4% | 0.6%      | 1,119            | 89.4% | 1.4%      | 1,815            | 74.7% | 2.0%      |
| Georgia                        | 216              | 100.0% | 0.0%      | 216              | 99.2% | 0.6%      | 661              | 92.6% | 1.4%      | 1,026            | 79.0% | 2.6%      |
| Hawaii                         | 25               | 96.5%  | 3.4%      | 25               | 96.5% | 3.4%      | 105              | 91.5% | 3.2%      | 150              | 83.5% | 4.4%      |
| Iowa                           | 65               | 100.0% | 0.0%      | 65               | 98.8% | 1.2%      | 257              | 90.0% | 2.4%      | 472              | 78.4% | 2.9%      |
| Illinois                       | 605              | 99.5%  | 0.3%      | 605              | 98.6% | 0.5%      | 1,790            | 91.3% | 0.9%      | 2,737            | 79.0% | 1.6%      |
| Indiana                        | 176              | 100.0% | 0.0%      | 176              | 99.0% | 0.7%      | 433              | 96.7% | 1.2%      | 687              | 84.2% | 2.5%      |
| Kansas                         | 37               | +      | +         | 37               | +     | +         | 124              | 94.1% | 2.8%      | 221              | 78.7% | 4.8%      |
| Kentucky                       | 64               | 98.6%  | 1.4%      | 64               | 98.6% | 1.4%      | 203              | 92.4% | 2.6%      | 360              | 85.5% | 3.0%      |
| Louisiana                      | 135              | 99.3%  | 0.7%      | 135              | 98.0% | 1.1%      | 434              | 91.1% | 1.8%      | 701              | 74.3% | 3.1%      |
| Massachusetts                  | 367              | 99.5%  | 0.3%      | 367              | 99.3% | 0.4%      | 1,067            | 92.4% | 1.2%      | 1,814            | 80.3% | 1.7%      |
| Maryland                       | 299              | 99.4%  | 0.4%      | 299              | 97.5% | 0.8%      | 922              | 92.1% | 1.1%      | 1,820            | 75.3% | 1.6%      |
| Maine                          | 47               | 100.0% | 0.0%      | 47               | 98.2% | 1.7%      | 139              | 92.7% | 2.4%      | 235              | 77.4% | 5.1%      |
| Michigan                       | 425              | 99.5%  | 0.3%      | 425              | 98.2% | 0.6%      | 1,411            | 90.2% | 1.0%      | 2,407            | 75.4% | 1.6%      |
| Minnesota                      | 579              | 99.3%  | 0.3%      | 579              | 98.3% | 0.5%      | 1,843            | 91.7% | 0.8%      | 3,003            | 77.8% | 1.4%      |
| Missouri                       | 239              | 99.7%  | 0.3%      | 239              | 99.0% | 0.6%      | 666              | 94.1% | 1.3%      | 1,198            | 76.8% | 2.3%      |
| Mississippi                    | 3                | +      | +         | 3                | +     | +         | 8                | +     | +         | 24               | 73.2% | 11.3%     |
| North Carolina                 | 215              | 99.1%  | 0.6%      | 215              | 97.4% | 1.0%      | 813              | 89.7% | 1.3%      | 1,418            | 78.6% | 1.8%      |
| North Dakota                   | 41               | +      | +         | 41               | +     | +         | 146              | 93.6% | 2.3%      | 230              | 76.4% | 5.8%      |
| Nebraska                       | 112              | 99.3%  | 0.7%      | 112              | 99.3% | 0.7%      | 281              | 95.5% | 1.4%      | 410              | 83.2% | 4.2%      |
| New Hampshire                  | 37               | +      | +         | 37               | +     | +         | 96               | 95.4% | 3.0%      | 143              | 82.7% | 5.6%      |
| New Jersey                     | 329              | 99.5%  | 0.4%      | 329              | 98.7% | 0.6%      | 1,009            | 92.7% | 1.1%      | 1,537            | 79.6% | 2.1%      |
| New Mexico                     | 35               | +      | +         | 35               | +     | +         | 121              | 89.3% | 3.9%      | 216              | 84.1% | 3.9%      |
| Nevada                         | 22               | +      | +         | 22               | +     | +         | 83               | 90.4% | 3.8%      | 164              | 67.3% | 7.9%      |
| New York                       | 938              | 99.5%  | 0.2%      | 938              | 98.7% | 0.4%      | 2,658            | 93.0% | 0.7%      | 4,250            | 76.9% | 1.4%      |
| Ohio                           | 644              | 99.7%  | 0.2%      | 644              | 98.2% | 0.5%      | 1,954            | 90.1% | 0.9%      | 2,948            | 71.0% | 1.9%      |

(Continued)

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|--------------------------------|------------------|--------|-----------|------------------|-------|-----------|------------------|-------|-----------|------------------|-------|-----------|
|                                | (Tx 2006 - 2007) |        |           | (Tx 2006 - 2007) |       |           | (Tx 2002 - 2007) |       |           | (Tx 1997 - 2007) |       |           |
|                                | N                | %      | Std. Err. | N                | %     | Std. Err. | N                | %     | Std. Err. | N                | %     | Std. Err. |
| <b>Transplant Center State</b> |                  |        |           |                  |       |           |                  |       |           |                  |       |           |
| Oklahoma                       | 39               | 97.8%  | 2.2%      | 39               | 95.6% | 3.0%      | 167              | 88.9% | 2.8%      | 289              | 75.9% | 4.2%      |
| Oregon                         | 150              | 99.4%  | 0.5%      | 150              | 98.9% | 0.8%      | 536              | 93.0% | 1.4%      | 856              | 79.9% | 2.8%      |
| Pennsylvania                   | 565              | 99.4%  | 0.3%      | 565              | 98.8% | 0.4%      | 1,779            | 92.3% | 0.8%      | 2,745            | 78.0% | 1.5%      |
| Puerto Rico                    | 21               | +      | +         | 21               | +     | +         | 114              | 90.8% | 3.3%      | 253              | 64.7% | 5.5%      |
| Rhode Island                   | 48               | +      | +         | 48               | +     | +         | 167              | 92.5% | 2.1%      | 290              | 69.6% | 5.5%      |
| South Carolina                 | 63               | 98.5%  | 1.4%      | 63               | 98.5% | 1.4%      | 157              | 92.4% | 2.6%      | 329              | 70.8% | 4.1%      |
| South Dakota                   | 29               | 100.0% | 0.0%      | 29               | 94.0% | 4.1%      | 100              | 87.9% | 4.0%      | 123              | 83.7% | 4.7%      |
| Tennessee                      | 245              | 99.6%  | 0.4%      | 245              | 97.3% | 1.0%      | 802              | 89.8% | 1.4%      | 1,309            | 74.5% | 2.2%      |
| Texas                          | 649              | 99.3%  | 0.3%      | 649              | 98.5% | 0.5%      | 1,931            | 91.3% | 0.8%      | 3,154            | 78.3% | 1.4%      |
| Utah                           | 171              | 100.0% | 0.0%      | 171              | 99.5% | 0.5%      | 457              | 94.4% | 1.4%      | 771              | 83.7% | 2.2%      |
| Virginia                       | 327              | 99.5%  | 0.4%      | 327              | 98.9% | 0.5%      | 1,032            | 89.2% | 1.3%      | 1,632            | 75.2% | 2.2%      |
| Vermont                        | 27               | 97.3%  | 2.6%      | 27               | 94.5% | 3.7%      | 59               | 95.9% | 2.3%      | 93               | 85.7% | 7.5%      |
| Washington                     | 201              | +      | +         | 201              | +     | +         | 696              | 91.1% | 1.4%      | 1,269            | 80.2% | 1.7%      |
| Wisconsin                      | 279              | 99.7%  | 0.3%      | 279              | 99.1% | 0.5%      | 891              | 93.6% | 1.0%      | 1,488            | 78.5% | 2.0%      |
| West Virginia                  | 22               | +      | +         | 22               | +     | +         | 91               | 90.3% | 4.2%      | 175              | 67.7% | 6.2%      |

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